

PHYSIOLOGICAL SUPPORT DEBRIEFING

25X1A

DATE 28 Oct 67 ACFT 131 PILOT [REDACTED]TIME IN FLIGHT 4700 TIME IN SUIT 5708 PREBREATHING TIME 1700

SATISFACTORY      UNSATISFACTORY

1. PHYSICAL CONDITION (PILOT)

2. SURVIVAL KIT AND CUSHION #58 S/B3. PARACHUTE S/N 1394. HELMET - 4

A. REFLECTIONS

B. FACE HEAT

C. COMMUNICATIONS

5. SUIT PROPER - 3A. CABIN DECOMPRESSION: YES NO6. OUTER GARMENT - 37. BOOTS AND SPURS, QD. Type8. GLOVES - 2

9. OXYGEN SYSTEM

DEPART TIME	RETURN TIME	AMT
<u>#1 1047 9.25</u>	<u>1528 9.0</u>	

<u>#2 1047 9.25</u>	<u>1528 8.75</u>
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10. MISCELLANEOUS

11. EVALUATION ITEMS

A.

25X1A

B.

C.

D.

E.

12. REMARKS: (EXPLAIN UNSATISFACTORY REPORT)

PRIMARY

FULL PRESSURE SUIT TEST LOG

SUBJECT # 1054  
 SUIT # - 3  
 OUTER GARMENT W/FLOAT GEAR - 3  
 HELMET # - 4  
 GLOVES # - 2  
 BOOTS - 2

FLIGHT DATE 28 Oct 67DON 1030DOFF 1535

TIME IN SUIT

TECHNICIAN

PRESS TO TEST      PRE-FLIGHTSYSTEM #1

Max Pressure 118  
 Differential 1.1  
 Leak Rate 1150

SYSTEM #2

Max Pressure 112  
 Differential 1.1  
 Leak Rate 1050  
 Unpress. Leak Rate 450

Face Heat 190hms  
 Commo and Cord ok

Pencils ✓

Knife ✓

Controller Number 76

Packet ✓

Grease Zippers ✓

Check Location of CO<sub>2</sub> ✓

Pressure Tap Screws  

SUBJECT TEST      POSTFLIGHT

25X1A

118      1061.4      1.1450      1200120      108104      1.1450      1250500      450

## PRESSURE SUIT HOOK-UP CHECKLIST

1.  Packet in pocket.
2.  Stirrups secured.
3.  Foot rest guards over seat foot rests.
4.  Communications secured and functioning.
5.  Face heat ON (LOW).
6.  Oxygen hoses secured in QD.
7.  Three harness snaps secured - harness adjusted and surplus stowed.
8.  Kit adjusted and surplus stowed.
9.  Two (2) bailout hoses secured.
10.  Lap belt, shoulder harness, key, secured and adjusted.
11.  Oxygen hoses under right leg strap, chest strap under helmet hold-down.
12.  Emergency oxygen lanyard secured and pin removed.
13.  Green apple secured.
14.  Red knob secured.
15.  Manual over-ride handle secured.
16.  Two (2) Rocket-Jet releases secured.
17.  Press-to-test both O<sub>2</sub> Systems, (LOW pressure-#1 Sys 15/70 #2 Sys 25/100 ).
18.  Check face heat.
19.  Re-adjust lap belt.
20.  Kit lanyard secured to D-ring.
21.  Parachute beacon; AUTOMATIC(  ), UNSNAPPED(  ), SNAPPED( ).
22.  Departing LOX quantity, #1 System 9.25 #2 System 9.25 TIME 1047
23.  Returning LOX quantity, #1 System 9.0 #2 System 8.75 TIME 1528.

SUBJECT 1054 AIRCRAFT NUMBER 131  
25X1A  
TECHNICIAN [REDACTED] DATE OF FLIGHT 28 Oct 67

EQUIPMENT PREFLIGHT FOR HIGH FLIGHT

PARACHUTE

- ✓ 1. Ripcord pins seated (main and first stage).
- ✓ 2. Pack opening elastics secured.
- ✓ 3. First stage jettison mated and pins secured.
- ✓ 4. Two (2) rocket jet units secured.
- ✓ 5. Manual over ride handle secured.
- ✓ 6. Green apple secured.
- ✓ 7. Red knob secured.
- ✓ 8. Bailout hoses adjusted for pressure suit.
- ✓ 9. Bailout hose connectors operating.
- ✓ 10. Harness adjusted for HIGH flight.
- ✓ 11. Automatic openers - triggered and reset.
- ✓ 12. Aneroids 1400' to 7500'.
- ✓ 13. Bailout cylinder pins secured.
- ✓ 14. Bailout cylinder pressure #1 1800 #2 1800.
- ✓ 15. Communication cord secured to chute.
- ✓ 16. Visual inspection completed.

L-P-#4

S.H.-#7

SURVIVAL KIT

- ✓ 1. Yellow handle secured.
- ✓ 2. Trigger clearance.
- ✓ 3. Kit disconnects secured.
- ✓ 4. Lid secured.
- ✓ 5. Visual condition.

INSTALLATION

- ✓ 1. Vent secured at disconnect.
- ✓ 2. Kit secured to chute - loose.
- ✓ 3. Emergency oxygen lanyard secured to chute and pin installed.
- ✓ 4. Communication cord secured at disconnect.
- ✓ 5. Vent hose secured to chute.
- ✓ 6. Pin secured in QD and safetied.
- ✓ 7. Oxygen system low pressure #1 60/70 #2 60/70.
- ✓ 8. Pip pin in "D" ring.
- ✓ 9. Stirrup cables extended and operating freely.
- ✓ 10. Foot rest guards over seat foot rest.

SUBJECT 1054 AIRCRAFT NUMBER 131.

TECHNICIAN [REDACTED] DATE OF FLIGHT 2800767.

SEAT KIT NUMBER 54 PARACHUTE NUMBER 139.

TYPE CUSHION 51B VENT HOSE NUMBER 76.

25X1A

BACK

Ground Abort

FULL PRESSURE SUIT TEST LOG

SUBJECT # 1055  
 SUIT # - 2  
 OUTER GARMENT W/FLOAT GEAR - 2  
 HELMET # - 2  
 GLOVES # - 1  
 BOOTS - 2

FLIGHT DATE 28 Oct 67

DON \_\_\_\_\_

DOFF \_\_\_\_\_ 25X1A

TIME IN SUIT

TECHNICIAN \_\_\_\_\_

PRESS-TO-TEST      PRE-FLIGHTSYSTEM #1

Max Pressure 105  
 Differential 1.1  
 Leak Rate 950

SUBJECT TEST

105  
1.5  
800

POSTFLIGHT

104  
1.2  
1100

SYSTEM #2

Max Pressure 106  
 Differential 1.1  
 Leak Rate 1000  
 Unpress. Leak Rate 300

116  
1.5  
1000  
500

112  
1.2  
1200  
300

Face Heat 18.5 - 2  
 Commo and Cord ✓  
 Pencils ✓  
 Knife ✓  
 Controller Number 33  
 Packet ✓  
 Grease Zippers ✓  
 Check Location of CO<sub>2</sub> ✓  
 Pressure Tap Screws \_\_\_\_\_

## PRESSURE SUIT HOOK-UP CHECKLIST

1.  Packet in pocket.
2.  Stirrups secured.
3.  Foot rest guards over seat foot rests.
4.  Communications secured and functioning.
5.  Face heat ON (LOW).
6.  Oxygen hoses secured in QD.
7.  Three harness snaps secured - harness adjusted and surplus stowed.
8.  Kit adjusted and surplus stowed.
9.  Two (2) bailout hoses secured.
10.  Lap belt, shoulder harness, key, secured and adjusted.
11.  Oxygen hoses under right leg strap, chest strap under helmet hold-down.
12.  Emergency oxygen lanyard secured and pin removed.
13.  Green apple secured.
14.  Red knob secured.
15.  Manual over-ride handle secured.
16.  Two (2) Rocket-Jet releases secured.
17.  Press-to-test both O<sub>2</sub> Systems, (LOW pressure-#1 Sys 65/75 #2 Sys 65/75).
18.  Check face heat.
19.  Re-adjust lap belt.
20.  Kit lanyard secured to D-ring.
21.  Parachute beacon; AUTOMATIC( ), UNSNAPPED( ), SNAPPED(  ).
22. Departing LOX quantity, #1 System 9.5 #2 System 9.5 TIME 1150L.
23. Returning LOX quantity, #1 System \_\_\_\_\_ #2 System \_\_\_\_\_ TIME \_\_\_\_\_.

25X1A

SUBJECT 1055AIRCRAFT NUMBER 127TECHNICIAN [REDACTED]DATE OF FLIGHT 28 Oct 67

EQUIPMENT PREFLIGHT FOR HIGH FLIGHT

PARACHUTE

- ✓ 1. Ripcord pins seated (main and first stage).
- ✓ 2. Pack opening elastics secured.
- ✓ 3. First stage jettison mated and pins secured.
- ✓ 4. Two (2) rocket jet units secured.
- ✓ 5. Manual over ride handle secured.
- ✓ 6. Green apple secured.
- ✓ 7. Red knob secured.
- ✓ 8. Bailout hoses adjusted for pressure suit.
- ✓ 9. Bailout hose connectors operating.
- ✓ 10. Harness adjusted for HIGH flight.
- ✓ 11. Automatic openers - triggered and reset.
- ✓ 12. Aneroids 1400' to 7500'.
- ✓ 13. Bailout cylinder pins secured.
- ✓ 14. Bailout cylinder pressure #1 1800 #2 1800.
- ✓ 15. Communication cord secured to chute.
- ✓ 16. Visual inspection completed.

SURVIVAL KIT

- ✓ 1. Yellow handle secured.
- ✓ 2. Trigger clearance.
- ✓ 3. Kit disconnects secured.
- ✓ 4. Lid secured.
- ✓ 5. Visual condition.

L.P. #3  
S.H. #5

INSTALLATION

- ✓ 1. Vent secured at disconnect.
- ✓ 2. Kit secured to chute - loose.
- ✓ 3. Emergency oxygen lanyard secured to chute and pin installed.
- ✓ 4. Communication cord secured at disconnect.
- ✓ 5. Vent hose secured to chute.
- ✓ 6. Pin secured in QD and safetied.
- ✓ 7. Oxygen system low pressure #1 600/70 #2 70/75.
- ✓ 8. Pip pin in "D" ring.
- ✓ 9. Stirrup cables extended and operating freely.
- ✓ 10. Foot rest guards over seat foot rest.

SUBJECT 1055 AIRCRAFT NUMBER 127.

TECHNICIAN                  DATE OF FLIGHT 28 oct 67.

SEAT KIT NUMBER 55 PARACHUTE NUMBER 102.

TYPE CUSHION 51B VENT HOSE NUMBER 60.

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\* \* \* TOP SECRET \* \* \*

BX 6732

DCOL CHECK LIST  
\* DENOTES MANDATORY CALL TO COMMAND POST UPON COMPLETION  
H-24:00 TO H-23:30: SECURE SUITS, CHUTES, KITS AND VENT UNITS: ..... 1130 - 1200  
DESIGNATE LIFE SUPPORT TECHNICIANS: [REDACTED] 25X1A

H-23:30: ATTEND COMMANDERS BRIEFING: ..... 1200  
SUBMIT HANGAR ACCESS ROSTER, 5 CYS 1-MC 3-SECURITY 1-DCOL .....  
SUBMIT RECOVERY ROSTER, 3 CYS 1-MC 1-ADMIN 1-DCOL .....  
H-22:00 TO H-17:00: PREFLIGHT:  
    BOTH SUITS (EA PILOT) .....  
    PARACHUTE AND EMERGENCY O2 SYSTEMS .....  
    SEAT KIT COMPONENTS .....  
    SUIT ROOM VENT .....  
    LOX VENT UNIT .....  
    OXYGEN CYLINDERS .....  
    TEST EQUIPMENT .....  
    TRANSPORT VANS .....  
H-21:00: NOTIFY SECURITY, SEAT KIT AVAILABLE FOR PACKING: ..... 1430  
H-3:00 TO H-1:40: PREPARE PREBREATHING ROOM FOR RECEIPT OF PILOT: ..... 0830 - 0950  
H-2:00 PERSONALLY CHECK WITH MISSION COORDINATOR AT C.P. TO VERIFY NAMES OF  
    PRIMARY AND SPARE PILOTS AND AIRCRAFT: ..... 0930 25X1A  
[REDACTED]  
P.....  
S.....  
INSTALL SEAT KIT AND PARACHUTE: .....  
H-2:00: RECEIVE PACKET FROM INTELLIGENCE ..... 0930  
H-1:45 TO H-1:30: SECURITY INSPECTS SUITS: ..... 0945-1000  
H-1:20 TO H-1:10: FLIGHT SURGEONS MEDICAL IN DCOL: ..... 1010-1020  
H-1:10 TO H-1:00: DRESS PILOT, PRESSURE CHECK EQUIPMENT: ..... 1020-1030  
H-0:50 TO H-0:45: TRANSPORT TO AIRCRAFT: ..... 1040-1045  
\*H-0:45 TO H-0:35: PILOT HOOKUP AND SUIT A/C CHECK: ..... 1045-1055  
H-0:35 TO TAKEOFF: STANDBY IN DCOL AND PACK LOW RECOVERY EQUIPMENT: ..... 1055-  
LANDING: REMOVE PILOT, TRANSPORT PILOT BACK TO DCOL, DESUIT PILOT: .....  
DEBRIEF PILOT, EVALUATE AND CHECK RELIABILITY OF EQUIPMENT: .....  
POST-FLIGHT EQUIPMENT: .....  
[REDACTED]

0945-1000 1045-1100  
1010-1020 1110-1120  
1020-1030 1120-1130  
1040-1045 1140-1145  
1045-1055 1145-1155  
1055- 1155

\* \* \* TOP SECRET \* \* \*

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6732MISSION PILOTS ACTIVITY SCHEDULE FOR OPERATIONAL MISSION

H-HOUR TIME <u>PRIMARY</u>	LOCAL TIME <u>PRIMARY</u>	H-HOUR TIME <u>SPARE</u>	LOCAL TIME <u>SPARE</u>	<u>ITEM</u>	<u>LOCATION</u>
H -22:30	<u>1300</u>			Pre-Mission Physical Exam	Flt Surg
H -21:30	<u>1400</u>			Eating	A/C Mess
H -20:30	<u>1500</u>			Recreation activities as scheduled	Selected Area
H -18:00	<u>1730</u>			Intelligence Review	DCOMI
H -17:00	<u>1830</u>			Initial Brief & Recreation	DCO Brief Rm
H -14:00	<u>2130</u>			Eating	A/C Mess
H -13:00	<u>2230</u>			Crew Rest	Asgd House
H -4:00	<u>0730</u>			Wake/up Psychological Ck	Crew Mess
H -3:30	<u>0800</u>			Final Briefing	DCO Brief Rm
H -2:30	<u>0900</u>			Breakfast	A/C Mess
H -1:20	<u>1010</u>	H -1:20	<u>1010</u>	Final Physical Evaluation	DCOL
H -1:10	<u>1020</u>	H -1:10	<u>1120</u>	Suiting	DCOL
H -:50	<u>1040</u>	H +:10	<u>1140</u>	Leave Ops	Transport Van
H -:45	<u>1045</u>	H +:15	<u>1145</u>	Arrive Aircraft	Hangar
H -:30	<u>1100</u>	H +:30	<u>1200</u>	Start Engine	Hangar
H -:20	<u>1110</u>	H +:40	<u>1210</u>	Taxi	Aircraft
H -:05	<u>1125</u>	H +:55	<u>1225</u>	Trim Engine	Aircraft
H -:00	<u>1130</u>	H +1:00	<u>1230</u>	Take Off	Aircraft
H +:25				Post Mission Physical	DCCL
H +:45				Cps Debrief	DCO Brief Rm
H +1:00				Mission Debrief	DCO Brief Rm
H +3:30				Released	

D601

BX 6732 28 Oct 67

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Pilot	A/C	HANGER	T/O	
[REDACTED]	131	1	1130 1230	
25X1A	127	3		1830 0800

*DCOL*

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FROM: DCOL [REDACTED] /49216)

SUBJECT: Recovery Personnel for Mission BX 6732

TO: DCO

27 Oct 67

25X1A

[REDACTED]

25X1A

[REDACTED]

25X1A

DCOL

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*EXTRA*

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FROM: DCOL [REDACTED] 27 Oct 67

SUBJECT: Access Roster for Mission BX 6732

25X1A

TO: Mission Coordinator

25X1A	CP	Hangar/Cockpit	DCOL
[REDACTED]	X	X	X
		X	X
	X		X
	X		X
	X		X
	X		X
25X1A		X	X

DCOL

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*DCOL*

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FROM: DCOL [REDACTED] 27 Oct 67 25X1A  
SUBJECT: Access Roster for Mission BX 6732  
TO: Mission Coordinator

25X1A	CP	Hangar/Cockpit	DCOL
[REDACTED]	X	X	X
		X	X
		X	X
		X	X
		X	X
25X1A		X	X

[REDACTED]

DCOL

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TOP SECRET

FROM: Mission Coordinator

27 Oct 1967

SUBJECT: Mission Alert Notification

TO: (See Below)

Request your attendance at the Commander's Briefing to be held  
 in the Operations Briefing Room on 27 OCTOBER 1967 at  
1200 L. The briefing concerns the following:

1. Mission Code Name and Number: BX 6132
2. Date/Time of Launch (H-Hour): 28 / 0230Z / 1130 L.
3. Ground Spare (H+1:00): 28 / 130Z / 1230 L.
4. Bases: Takeoff KADENA Staging       , Landing KADENA.
5. Equipment required: TYPE I CAMERA

25X1D

25X1D

6. Ground Spare Requirements: SAME AS PRIMARY7. Special Instructions/Comments: A-50 ADDITIVE

25X1A

WILL NOT BE USED

FOR THE COMMANDER

Mission Coordinat

Office Time(L)

Office	Time(L)	Recipient
CMDR		DCOL
DCO		DCOC/MC
DCM		DCOMI
DCS		DCOW
SECUR		COMMO
FLT SURG		AFCS
DCOM		TTFC(SAC) (Notify Only)